

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/549,601
Source: PCR/10
Date Processed by STIC: 10/3/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

RAW SEQUENCE LISTING

DATE: 10/03/2005

PATENT APPLICATION: US/10/549,601

TIME: 14:20:43

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10032005\J549601.raw

3 <110> APPLICANT: Hiroshi TAKAKU
 4 Naoko KUROSAKI
 6 <120> TITLE OF INVENTION: Novel antisense oligonucleotide and anti-HIV agent
 8 <130> FILE REFERENCE: 2352.008
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/549,601
 C--> 11 <141> CURRENT FILING DATE: 2005-09-19
 13 <150> PRIOR APPLICATION NUMBER: JP 2003-076254
 14 <151> PRIOR FILING DATE: 2003-03-19
 16 <160> NUMBER OF SEQ ID NOS: 10
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 49
 20 <212> TYPE: RNA
 21 <213> ORGANISM: Human immunodeficiency virus type 1
 23 <400> SEQUENCE: 1
 24 acgcaggacu cggcuugcug aagcgcgcac ggcaagagggc gagggggcgg 49
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 20
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Human immunodeficiency virus type 1
 32 <220> FEATURE:
 33 <221> NAME/KEY: misc_feature
 34 <222> LOCATION: (1)..(20)
 35 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
 38 <400> SEQUENCE: 2
 39 cttcagcaag ccgagtcctg 20
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 20
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Human immunodeficiency virus type 1
 47 <220> FEATURE:
 48 <221> NAME/KEY: misc_feature
 49 <222> LOCATION: (1)..(20)
 50 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
 53 <400> SEQUENCE: 3
 54 cgcttcagca agccgagtc 20
 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 20
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Human immunodeficiency virus type 1
 62 <220> FEATURE:
 63 <221> NAME/KEY: misc_feature
 64 <222> LOCATION: (1)..(20)
 65 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.

Does Not Comply
Corrected Diskette Needed

P.3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/549,601

DATE: 10/03/2005

TIME: 14:20:43

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10032005\J549601.raw

```

68 <400> SEQUENCE: 4
69 tgccgtgcgc gcttcagcaa                                20
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 20
74 <212> TYPE: DNA
75 <213> ORGANISM: Human immunodeficiency virus type 1
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (1)..(20)
80 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
83 <400> SEQUENCE: 5
84 cctcgctctt tgccgtgcgc                                20
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 19
88 <212> TYPE: DNA
89 <213> ORGANISM: Human immunodeficiency virus type 1
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (1)..(19)
94 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
97 <400> SEQUENCE: 6
98 ccctgcctc ttgccgtgc                                19
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 20
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: an artificially
synthesized
108     random sequence
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (1)..(20)
113 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
116 <400> SEQUENCE: 7
117 gcgtcatacg tcttgccgac                                20
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 20
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: an artificially
synthesized
127     random sequence
129 <220> FEATURE:
130 <221> NAME/KEY: misc_feature
131 <222> LOCATION: (1)..(20)
132 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
135 <400> SEQUENCE: 8
136 cggttacgcc atgcgcacg                                20
139 <210> SEQ ID NO: 9

```

RAW SEQUENCE LISTING

DATE: 10/03/2005

PATENT APPLICATION: US/10/549,601

TIME: 14:20:43

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10032005\J549601.raw

140 <211> LENGTH: 28
 141 <212> TYPE: DNA
 142 <213> ORGANISM: Human immunodeficiency virus type 1
 144 <220> FEATURE:
 145 <221> NAME/KEY: misc feature
 146 <222> LOCATION: (1)..(20) *28 nucleotides in this sequence.*
 147 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
 150 <400> SEQUENCE: 9
 151 cgctctcgca cccatctctc tccttcta 28
 153 <210> SEQ ID NO: 10
 154 <211> LENGTH: 37
 155 <212> TYPE: DNA
 156 <213> ORGANISM: Human immunodeficiency virus type 1
 158 <220> FEATURE:
 159 <221> NAME/KEY: misc feature
 160 <222> LOCATION: (1)..(20) *37 nucleotides in this sequence.*
 161 <223> OTHER INFORMATION: All internucleotide bonds are phosphorothioate bonds.
 164 <400> SEQUENCE: 10
 165 ttttcttttg ggggggtttt ttccccctt ttctttt 37

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/549,601

DATE: 10/03/2005

TIME: 14:20:44

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10032005\J549601.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date